ART B - FEE(S) TRANSMITTAL

Complete and send this form, together with applicable fee(s), to: Mail

Mail Stop ISSUE FEE Commissioner for Patents P.O. Box 1450

Alexandria, Virginia 22313-1450

or Fax

(571) 273-2885

	INSTRUCTIONS: This form should be used for transmitting the ISSUE FEE and PUBLICATION FEE (if required). Blocks 1 through 5 should be completed where appropriate. All further correspondence address as indicated unless corrected below or directed otherwise in Block 1, by (a) specifying a new correspondence address; and/or (b) indicating a separate "FEE ADDRESS" for maintenance fee notifications.							
	CURRENT CORRESPONDENCE ADDRESS (Note: Use Block 1 for any change of address)				Fee(s) Transmittal. The papers. Each additions	Note: A certificate of mailing can only be used for domestic mailings of the Fee(s) Transmittal. This certificate cannot be used for any other accompanying papers. Each additional paper, such as an assignment or formal drawing, must have its own certificate of mailing or transmission.		
	21839 7590 12/20/2005			nave its own certificati	have its own certificate of maning of transmission.			
	BUCHANAN INGERSOLL PC (INCLUDING BURNS, DOANE, SWECKER & MAT POST OFFICE BOX 1404				I hereby certify that this Fee(s) Transmittal is being deposited with States Postal Service with sufficient postage for first class mail in a addressed to the Mail Stop ISSUE FEE address above, or being transmitted to the USPTO (571) 273-2885, on the date indicated belonger.		g deposited with the United st class mail in an envelope above, or being facsimile	
01/3	ALEXANDRIA, VA 22313-1404 /2006 HBEYENE2 00000153 10681117				(Depositor's name)			
							(Signature)	
02 F	FC:1501 1400.00 0P FC:1504 300.00 0P FC:8001 6.00 0P						(Date)	
	APPLICATION NO.	FILING DATE	FIRST NAM		D INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.	
	10/681,117 10/09/2003			Osamu Miyahara		012300-046 8083		
	III LE OF INVENTION: M	IETHOD OF HEAT TREAT	MENI FUK NI-B	ASE ALLO	ILOBE			
	APPLN. TYPE	SMALL ENTITY	ISSUE FEE		PUBLICATION FEE	TOTAL FEE(S) DUE	DATE DUE	
	nonprovisional	NO	\$1400)	\$300	\$1700	03/20/2006	
	EXAMINER		ART UNIT		CLASS-SUBCLASS]		
	SHEEHAN, JOHN P		1742		148-677000			
	CFR 1.363). Change of correspond Address form PTO/SB/12	address or indication of "Fee Address" (37 ence address (or Change of Correspondence 2) attached. on (or "Fee Address" Indication form r more recent) attached. Use of a Customer		2. For printing on the patent front page, list (1) the names of up to 3 registered patent attorneys or agents OR, alternatively, (2) the name of a single firm (having as a member a registered attorney or agent) and the names of up to 2 registered patent attorneys or agents. If no name is listed, no name will be printed. BUCHANAN INGERSOLL P (INCLUDING ATTORNEYS) FROM BURNS DOANE 2 SWECKER & MATHIS)				
	3. ASSIGNEE NAME AND RESIDENCE DATA TO BE PRINTED ON THE PATENT (print or type) PLEASE NOTE: Unless an assignee is identified below, no assignee data will appear on the patent. If an assignee is identified below, the document has been filed for recordation as set forth in 37 CFR 3.11. Completion of this form is NOT a substitute for filing an assignment. (A) NAME OF ASSIGNEE (B) RESIDENCE: (CITY and STATE OR COUNTRY)							
	SUMITOMO METAL INDUSTRIES, LTD. OSAKA-SHI, OSAKA, JAPAN							
	Please check the appropriate assignee category or categories (will not be printed on the patent): 🔲 Individual 🚨 Corporation or other private group entity 🚨 Government							
	8 (,)			b. Payment of Fee(s):				
	X Issue Fee			A check in the amount of the fee(s) is enclosed.				
	☑ Publication Fee (No small entity discount permitted)			Payment by credit card. Form PTO-2038 is attached.				
	Advance Order - # of Copies			The Director is hereby authorized by charge the required fee(s), or credit any overpayment, to Deposit Account Number 02-4800 (enclose an extra copy of this form).				
5. Change in Entity Status (from status indicated above) a. Applicant claims SMALL ENTITY status. See 37 CFR 1.27. b. Applicant is no longer claiming SMALL ENTITY status. See 37 CFR 1								
	The Director of the USPTO NOTE: The Issue Fee and P interest as shown by the reco	is requested to apply the Issublication Fee (if required) words of the United States Pat		tion Fee (if and if ano	ny) or to re-apply any previous e other than the applicant; a reg	y paid issue fee to the applic istered attorney or agent; or t	ation identified above. he assignee or other party in	
		1),	$\mathcal{D}_{\mathcal{A}}$				000/	

Typed or printed name Robert G. Mukai This collection of information is required by 37 CFR 1.311. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, Virginia 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Registration No.

Authorized Signature _